Kidman. 1631.

A New Almanack

and prognostication for the yeare of our Lord God 1631.

Being the third from the leap yeare, and since the conquest by Duke *William* 565.

Calculated and composed according to the rules of art for the meridian and latitude of Saffron-Walden *in* Essex, *the pole there elevated 52 degrees above the horizon: and may without sensible errour serve any part of this kingdome of* ENGLAND.

¶ Printed by the Printers to the Universitie of *Cambridge*.

According to the forraigne account.		Common notes & moveable Feasts		According to our *English* account.	
	17	The golden numb.	17		
	16	The cycle of the sun	16		
	E	The Sunday letter	B		
March	2	Shroveſunday	20	February	
April	20	Eaſter day	10	Aprill	
June	8	Whitſunday	29	May	
November	30	Advent ſunday	27	November	
	23	Sundaies after Trin.	24		

A brief chronologie of ſome memorable things.

Since the

CReation of the world	5580
Floud of Noah	3924
Building of the temple	2648
Brute entred this Iſland	2738
Julius Cæſar reformed the yeare	1675
Julius Cæſar conquered this Iſland	1682
Deſtruction of Jeruſalem by Titus Veſpaſian	1548
Invention of gunnes	251
Martin Luther began to oppoſe the Pope	114
Great froſt in the yeare 1564	67
Former great plague in London	27
Powder-treaſon, Novemb. 5.	26
Laſt great froſt	23
Laſt great ſnow	16
Laſt blazing ſtarre	13

K. Richard the 3 began to reigne Jun. 25.	1483: ſince	148
K. Henry 7 began to reigne Auguſt 22.	1485: ſince	146
K. Henry 8 began to reigne Aprill 22	1509:	122
K. Edward 6 began to reigne Janu. 28.	1547:	84
Q. Mary began to reigne July 6	1553:	78
Q. Elizabeth began to reigne Nov. 17.	1558:	73
K. James began to reigne March 24.	1602:	29
K. Charles began to reigne March 27.	1625:	6

Whoſe reigne God grant long to continue.

A table to reform the errours of those tables of the moons, planets, and starres coming to the south: the use whereof is shewed in the example of the table in the prognostication following.

Sunnes place

Place of moon.		30	27	24	21	18	14	11	7	12	26	14	place of moon,	
planets & starres.		0	3	6	9	12	15	18	22	26	2	14	planets & starres.	
		30	27	24	21	18	15	12	8	4	28	16		
		♊	♐	♊	♐	♊	♐	♊	♐	♊	♍	♉		
		0	3	6	9	12	16	19	23	28	4	16		
		♈	♎	♈	♎	♈	♎	♈	♎	♈	♉	♍		
16	16	0	9	8	7	6	5	4	3	2	1	0	14	14
4	28	9	8	7	6	5	4	3	2	1	0	1	2	26
♉ ♍	♊ ♐	8	7	6	5	4	3	2	1	0	1	2	♉ ♍	♊ ♐
28	4	8	7	6	5	4	3	2	1	0	1	2	28	2
23	8	7	6	5	4	3	2	1	0	1	2	3	22	7
19	12	6	5	4	3	2	1	0	1	2	3	4	18	11
16	15	5	4	3	2	1	0	1	2	3	4	5	15	14
12	18	4	3	2	1	0	1	2	3	4	5	6	12	18
9	21	3	2	1	0	1	2	3	4	5	6	7	9	21
6	24	2	1	0	1	2	3	4	5	6	7	8	6	24
3	27	1	0	1	2	3	4	5	6	7	8	9	3	27
♈ ♎	♋ ♑	0	1	2	3	4	5	6	7	8	9	10	♋ ♑	♎ ♈
17	3	1	2	3	4	5	6	7	8	9	10	11	27	3
24	6	2	3	4	5	6	7	8	9	10	11	12	24	6
21	9	3	4	5	6	7	8	9	10	11	12	13	21	9
18	12	4	5	6	7	8	9	10	11	12	13	14	18	12
14	15	5	6	7	8	9	10	11	12	13	14	15	15	16
11	18	6	7	8	9	10	11	12	13	14	15	16	12	19
7	22	7	8	9	10	11	12	13	14	15	16	17	8	23
2	26	8	9	10	11	12	13	14	15	16	17	18	4	28
♓ ♍	♌ ♒	8	9	10	11	12	13	14	15	16	17	18	♊ ♐	♍ ♓
26	2	9	10	11	12	13	14	15	16	17	18	19	28	4
14	14	10	11	12	13	14	15	16	17	18	19	20	16	16

Note, that as the signes nominated are opposite, *Aries* and *Libra*, *Taurus* and *Scorpio*, &c. so the figures for one serve the opposite signe.

Ianuary hath xxxi dayes.

Full moon 8 day, at seven in the morning.
Last quartile 14 day, 28 minutes past 11 at night.
New moon the 22 day, 22 minutes past 6 in the morn.
Second quarter 30 day, 46 min. past nine in the morn.
Iupiter sets 39 minutes after 8 of the clock.

i	a	Circumcision	tau	1	21	13	☌ ☍ ☿				3	57
ii	b	1 Sund.aft.Chr	tau	13	22	14	☌ ♄ ☿	3	♑		3	58
iii	c	Oct. John	tau	25	23	15	☌ ♃ ♂	2	♒		3	59
iiii	d	Oct. Innocents	gem	7	24	16	♄	26	♏		4	1
v	e	K. Edw. depos.	gem	20	25	17	♆	11	♐		4	2
vi	f	Epiphanie	canc	4	26	18	♂	18	♍		4	3
vii	g	Iulian mart.	canc	18	27	19	♀	18	♍		4	5
viii	a	Lucian priest	leo	2	28	20	☿	25	♍		4	6
ix	b	1 Sun.aft.Epip.	leo	16	29	22	☌ ☉	♆	5	♑	4	7
x	c	Paul 1 ermite	vir	☌	☉	♒	☌ ♂	♁	7	♒	4	9
xi	d	Higinus papa	vir	15	1	25	♆	12	♐		4	10
xii	e	Archadius	vir	29	2	26	♂	24	♍		4	11
xiii	f	Hillary bishop	libr	13	3	27	♀	25	♍		4	13
xiiii	g	Felix & Iam.	libr	28	4	28	☿	7	♒		4	14
xv	a	Maurice abb.	scor	12	5	29	☌ ☾	♃	12	♑	4	15
xvi	b	2 Sun.aft.Epip.	scor	15	6	☽	☌ ♃				4	17
xvii	c	Anthon. abbot	sagi	9	7	31	♆	14	♐		4	19
xviii	d	Pet. chair Rom	sagi	22	8	32	♂	28	♍		4	20
xix	e	Wolstan bish.	capr	6	9	33	□	♄	♀	13	4	21
xx	f	Fab. & Sebast	capr	29	10	34	♀	4	♒		4	24
xxi	g	Agnetis virg.	aqu	2	11	35	☿	19	♒		4	25
xxii	a	Vincent mar.	aqu	15	12	36	□	☾	♃	5	♑	4	27
xxiii	b	3 Sun.aft.Epip.	aqu	27	13	37	☌ ☽	♀	3	♒	4	29
xxiiii	c	Term begins	pisc	10	14	38	♆	15	♐		4	31
xxv	d	Conver. S Paul	pisc	22	15	38	♂	3	♒		4	33
xxvi	e	Policarp bish.	Arie	4	16	39	♀	12	♒		4	34
xxvii	f	Thyfost. bish.	arie	15	17	40	□	☉	♃	15	4	36
xxviii	g	Agnes secund.	ari	28	18	41	☿	4	♐		4	38
xxix	a	Valerius bish.	tau	9	19	41	☌ ☽	♃	16		4	40
xxx	b	4 Sun.aft.Epip.	tau	21	20	42	□	♄	♀	10	♑	4	42
xxxi	c	Martyrs	gem	3	21	43	☽	♋			4	44

February hath xxviii dayes.

● Full moon the 6 day at 4 and 54 min. after noon.
☾ Last quartile the 13 day, at 8 & 41 min. morn.
● New moon the 20 day, 22 minutes past 11 at night.
☽ Second quartile the 28 day, 4 houres past midnight.

		Holy and festivall dayes	Moons place in the zod.	☉ plac in the zodia.	Planets place in the zodiaque & their aspects.	Sunn set ho. mi.
i	d	Bridget Fast	gem 16	☽ ♒	♄ 17 ♏	4 46
ii	e	Purification.	gem 29	23 44	△ ♄ ♃ 7 ♐	4 48
iii	f	Craft Purific.	canc 12	24 45	♆ 18 ♓	4 50
iiii	g	Gilbert confes.	canc 26	25 45	♂ 11 ♒	4 52
v	a	Agath. virg.	leo 10	26 46	♀ 24 ♒	4 54
vi	b	Septuagesima	leo 24	27 46	☿ 14 ♓	4 56
vii	c	marriage our	virg 9	28 47	♂ ☾ ♆ 16	4 57
viii	d	Paul bishop	virg 24	29 47	△ ♄ ♀ 7 ♐	4 59
ix	e	Sun in pisces	libra 9	29 47	♂ ♆ ☿	4 1
x	f	Octab. Purif.	libra 24	1 48	♂ ☉ ♀ 14	5 3
xi	g	Dessider. bish.	scorp 8	2 48	♂ ☾ ♄ 16	5 5
xii	a	Term ends	scorp 22	3 48	□ ♄ ♂ 13	5 7
xiii	b	Sexagesima	sagit 6	4 49	☿ apog. ep'c.	5 9
xiiii	c	Valentine	sagit 19	5 49	♆ 20 ♓	5 11
xv	d	Faustine mar.	capri 3	6 49	♀ 7 ♓	5 13
xvi	e	Julian virg.	capri 16	7 49	♂ 20 ♒	5 15
xvii	f	Polycron bish.	capri 29	8 50	♀ 25 ♓	5 17
xviii	g	Simeon bish.	aqua 11	9 50	☊ 0 10 ♊	5 19
xix	a	Sabinus mar.	aqua 24	10 50	♂ ☾ ♂ 9 ♑	5 21
xx	b	Shrove sunday	pisce 6	11 50	♂ ☽ ♀ 16	5 23
xxi	c	79 martyrs	pisce 18	12 50	♂ ☽ ☿ 17	5 25
xxii	d	Peters chair	Arie 0	13 50	♀ 15 ♓	5 27
xxiii	e	Ashwednesday	aries 12	14 50	☽ apog.	5 29
xxiiii	f	Matthias apost.	aries 24	15 50	△ ♄ ♀ 1 ♑	5 31
xxv	g	Alexander bish.	taur 6	16 50	♀ 24 ♓	5 33
xxvi	a	Hestoris bish.	taur 18	17 49	☽ ☊	5 35
xxvii	b	1 Sun. in Lent	gem 0	18 49	△ ☉ ♄ 5 ♑	5 37
xxviii	c	Roman abbot	gem 12	19 49	♂ ♃ ☿ 12 ♐	5 40

March hath xxxi dayes.

Full moon the 8 day, 40 min. past two in the morn.
☾ Last quartile the 14 day, at 7 at night.
● New moon the 22 day, at 4 and 24 min. at night.
☽ Second quartile the 30 day, at six after noon.

i	d	David bishop	gem	24	☉	☌	♄	17	♏		5	42
ii	e	Chadde bish.	canc	7	21	48	♂	☉	☿	3 ☽	5	44
iii	f	Maurice	canc	20	22	48	♃	24	☌		5	46
iiii	g	Adrian mart.	leo	4	23	48	☿	peri.	epic.		5	48
v	a	Eusebius	leo	18	24	47	△	♄	☿	11 ☽	5	50
vi	b	2 Sund. in lent.	virg	3	25	47	♂	☉	♃	4 ☽	5	52
vii	c	Thomas Aquin	virg	18	26	46	♂		5	☌	5	54
viii	d	Felix bishop	libr	3	27	46	☿	3	♈		5	56
ix	e	40 martyrs	libr	18	28	45	☿	14	☌		5	58
x	f	Alexander	scorp	3	29	44	☊	19	♉		6	0
xi	g	Sunne in aries	scorp	18	0	44	△	☉	☾	22	6	2
xii	a	Gregory pap.	sagt	2	1	43	□	☾	♂	13	6	4
xiii	b	3 Sund. in lent.	sagt	16	2	42	□	☾	♃	18	6	6
xiiii	c	Peter Mart.	capr	0	3	42	♂	♂	☿		6	8
xv	d	Longinus m.	capr	13	4	41	♃	27	☌		6	10
xvi	e	Cyriac.	capr	26	5	40	♂	12	☌		6	12
xvii	f	Patrick bish.	aqu	9	9	39	☿	14	♈		6	14
xviii	g	Edward king	aqu	21	7	38	☿	11	☌		6	16
xix	a	Joshua. Mary	pisce	3	8	37	♂	☾	☿	16	6	18
xx	b	4 Sund. in lent.	pisce	15	9	36	♂	☾	♂	0	6	20
xxi	c	Cuthbert conf.	pisce	27	10	35	△	♄	♂	15	6	22
xxii	d	Benedict abb.	arie	9	11	34	☾	apog.			6	24
xxiii	e	Aphrodole	arie	21	12	33	♂	18	☌		6	26
xxiiii	f	Theodore Fast	taur	3	3	32	☿	23	♈		6	28
xxv	g	Annun. Mary	taur	15	14	31	△	♄	☿	21	6	30
xxvi	a	Castor mart.	taur	27	15	30	☿	17	☌		6	32
xxvii	b	5 Sund. in lent.	gem	9	16	29	▨	☾	☿	21	6	34
xxviii	c	Dorothy virg.	gem	21	17	27	□	☾	♂	3 ☽	6	36
xxix	d	Eustace abbot	can	3	18	26	□	☾	♃	5 ♉	6	38
xxx	e	Guidon	can	16	19	25	△	☾	☿	11 ☽	6	40
xxxi	f	Adelm bishop	can	29	20	23					6	42

Full moon the 6 day, 10 min. past 11 before noon.
(Last quartile the 13 day, 47 min. after 6 in the morning.
● New moon the 21 day, at 9 and 9 min. before noon.
) Second quartile the 29 day, 6 min. past 4 in the morning.
Evening starre sets 48 min. after seven.

i	g	Mary Egypt	leo	13			♄	16	♍	6	43
ii	a	Theodel. birg.	leo	27	22	2	♂	☌	☿	6	45
iii		Palm sunday	virg	11	23	19	♃	2	♈	6	47
iiii	c	Isidore bish.	virg	26	24	17	♂	27	⚹	6	49
v	d	Vincent conf.	libr	11	25	16	☿	7	☌	6	51
vi	e	Sixtus marr.	libr	26	26	14	♀	1	♈	6	53
vii	f	Egillipus	scorp	11	27	13	☊	25	☌	6	55
viii	g	Dionysius	scorp	26	28	11	☌	☽	♃	11 p	6	57
ix	a	Marcellus bi.	sagit	11	29	9	♄	12	☌	6	59
x		Easter day	sagit	25	0	8	♂	♃	♂	16	7	0
xi	c	Sun in taur.	capr	9	1	6	☌	☿	♀	9 p	7	2
xii	d	Julius papa.	capr	22	2	4	⚹	☽	♃		7	4
xiii	e	Ermigil mart	aqu	5	3	2	⚹	☽	♀	17	7	6
xiiii	f	Valerian mar	aqu	18	4	1	□	☾	♀	1 p	7	8
xv	g	Inastac. mar.	pisc	0	4	59	⚹	☉	☽	8 p	7	10
xvi	a	Tiburtii mart.	pisc	12	5	57	⚹	☾	♀	18	7	11
xvii		Low sunday	pisc	24	6	55	♂	☾	♃	21	7	13
xviii	c	Eluthetius	arie	6	7	53	♂	☽	♂	4 p	7	15
xix	d	Alphage mart	arie	18	8	51	♃	5	♈		7	17
xx	e	Victor papa	arie	30	9	49	♄	9	♈		7	19
xxi	f	Simeon bish.	taur	12	10	47	☿	27	☌		7	21
xxii	g	Father bish.	taur	24	11	45	♂	☽	♀	11 p	7	22
xxiii	a	Anicet papa	gem	6	12	4	☊	1	☌		7	24
xxiiii		Sun. af. Easter	gem	18	13	4	☽	♂	⚹	2 a	7	26
xxv	e	Mark evang.	canc	0	14	39	☿	☉	♄	8 p	7	28
xxvi	d	Clete bishop	canc	13	15	37	♄	perig.			7	29
xxvii	e	Term begins	canc	26	16	34	△	☾	♃	23	7	31
xxviii	f	Vitalis mart.	leo	9	17	32	□	☽	♄	10 p	7	33
xxix	g	Peter of Mil.	leo	22	18	30	☿	7	♊		7	35
xxx	a	Erkinwald	virg	6	19	20	☿	15	☌		7	36

May hath xxxi dayes.

Full moon 5 day, seven minutes past 7 night.
Last quartile the 12 day, 23 min. past 8 at night.
New moon 20 day, 22 min. after midnight.
Second quartile the 28 day, 13 min. past 11 before noon.
Evening starre sets 32 minutes after nine.

i	♋	Philip & Jam.	virg	20	☉		☿	13	♏	7	38
ii	c	Tres paſch.	libr	5	21	23	☿	apog.	ep.	7	40
iii	d	Invent crucis	libr	20	22	21	☽	perig.		7	41
iiii	e	Flavian mar.	ſcorp	5	23	18	♂	☉	♀ 6 ☿	7	43
v	f	Gozzard.	ſcorp	20	24	16	♃	☽	♈	7	44
vi	g	John port. lat.	ſagi	5	25	13	♂	21	♈	7	45
vii	a	Tr. Step. lor.	ſagi	19	26	11	♀	16	♊	7	47
viii	♋	4 Sun. af. Eaſter	capr	4	27	9	☿	☊	♊	7	48
ix	c	Gregory biſh.	capr	18	28	6	△	☾	♂ 15	7	49
x	d	Gordian mar.	aqu	1	29	4	□	☾	☿ 7 ☿	7	51
xi	e	Anaſtaci. mar	aqu	14	30	1	✶	☽	♃ 5 ♂	7	52
xii	f	Sun in gem.	aqu	27	0	58	△	☾	♀ 16	7	53
xiii	g	Serbatius	piſc	9	1	56	♃	10	♈	7	55
xiiii	a	Boniface mar	piſc	21	2	53	♂	27	♈	7	56
xv	♋	Rogation	Ari	3	3	51	♀	26	♊	7	57
xvi	c	Wedding our	arie	15	4	48	☿	14	♊	7	59
xvii	d	Reſtitut. virg.	arie	27	5	45	☽	apog.		8	0
xviii	e	Diaſcor. mar.	tau	9	6	43	☌	☽	☿ 7 ☿	8	1
xix	f	Aſcenſion	tau	21	7	40	☽	☊		8	2
xx	g	Barnardine	gem	3	8	38	✶	♂	☿ 1 ☿	8	3
xxi	a	Helen. virg.	gem	15	9	35	♂	☽	♀ 21	8	4
xxii	♋	6 Sun. af. Eaſter	gem	27	10	32	♂	☽	♀ 17	8	5
xxiii	c	Term ends	canc	10	11	29	☊	21	♉	8	6
xxiiii	d	Domin. tran.	canc	23	12	27	✶	☉	♃ 17	8	7
xxv	e	Urban pope	leo	6	13	24	□	☽	☿ 13	8	8
xxvi	f	Euth. p. mar.	leo	19	14	21	♂	6	♉	8	9
xxvii	g	Joan. pap.	virg	3	15	18	☌	10	♊	8	9
xxviii	a	Germane biſh	virg	16	16	16	△	♄	♀ 1 ☿	8	10
xxix	♋	Whitſunday	libr	0	17	13	□	♃	♀ 6	8	11
xxx	c	Aigan	libr	15	18	10	☌	☾	♃ 10 ♐	8	11
xxxi	d	Petronilla	libr	29	19	7	✶	♂	☿ 5 ☿	8	12

June hath xxx dayes.

Full moon the 4 day, 14 minutes past 3 in the morn.
Last quartile the 11 day, 12 minutes before noon.
New moon the 19 day, 73 min. past one after noon.
Second quartile the 26 day, 32 min. past 4 after noon.
Even ng starre sets 12 minutes after ten

	e	Ember week	scorp	14	☽	♍	♎	♄	☿	11	a	☽	1
	f	Marcelline m	scorp	28	21	2	♌	♄	♂	3	a	☽	13
	g	Erasmus mar	sagit	13	21	59	□	♃	☿	16		☽	13
	a	Wetraphan.	sagit	28	22	56	♐	11		♍		☽	14
♋		Trinity sund.	capr	12	23	53	♑	14		♈		☽	14
	c	Weding in.	capr	26	24	50	☌	☿	☿	ferè		☽	14
	d	Rob.abb. Cic.	aqu	9	25	47	☿		23		♋	☽	15
	e	Medard.	aqu	22	26	44	☿		20		♋	☽	15
	f	Corp.Christi.	pisce	5	27	42	♋		21		♌	☽	15
	g	Term begins	pisce	17	28	39						☽	15
	a	Longest day	arie	0	29	36	✶	☽	☌	2	p	☽	15
♋		Sun in cancer	arie	12	0	33	△	☽	☿	11	a	☽	15
	c	Anthony conf.	arie	23	1	30	♑		11		♍	☽	15
	d	Valerius mar	taur	5	2	27	♂		20		♌	☽	15
	e	Modestus ma	taur	17	3	24	☿		3		♎	☾	15
	f	Tychon. epis.	taur	29	4	21	☿		26		♋	☾	15
	g	Gundulph.bi.	gem	11	5	18	✶	☽	♑	9	p	☾	14
	a	Marcell,mar.	gem	24	6	15	☿		6		♏	☽	14
♋		2 Sun.aft. Trin.	canc	9	7	12	▨	☽	♑	19		☾	14
	c	Silvester pap	canc	19	8	10	☌	☿	☿	15		☾	13
	d	Edw.translat	leo	3	9	7	▨	♐	☿	7	p	☾	13
	e	Alban mart.	leo	16	10	4	✶	♂	☿	9	a	☾	12
	f	Etheld. Fast	leo	29	11	1	△	○	♄	5	p	☾	12
	g	John Baptist	virg	13	11	58	♂		27		♌	☾	11
	a	Theob. confes.	virg	27	12	55	☿		15		♋	☾	10
♋		3 Sun.aft.Trin.	libra	11	13	52	△	♐	☿	19		☾	9
	c	7 Sleepers	libra	25	14	49	☽		perig.			☾	8
	d	Leo pap. Fast	scorp	9	15	46	☽	♍				☾	8
	e	Peter apost.	scorp	24	16	44	☌	☽	♑	12		☾	7
	f	Term ends	sagit	8	17	41	□	○	♑	8	p	☾	6

July hath xxxi dayes.

Full moon the third day, 14 minutes past noon.
Last quartile the 11 day, at five in the morn.
New moon the 19 day, 56 minutes after noon.
Second quartile the 25 day, 35 minutes past 9 at night.
Evening starre sets 42 min. after nine.

‘	g	Rumoldus m.	sagit	22			☌	☉	☿	☽	♇	8	5
‘‘	a	Willtat. Mar.	capri	6	19	35	□	♃	☿		10 a	8	4
‘‘‘	b	4 Sun. aft. Trin.	capri	20	20	32	♄		10	♏		8	3
‘‘‘‘	c	Martintranſl.	aqua	4	21	29	♃		18	♈		8	2
i	d	Foe virgin	aqua	17	22	26	☍		5	♊		8	1
ii	e	Octab. S. Petri	piſce	0	23	24	☿		28	♌		8	0
iii	f	Edelburg. vir	piſce	13	24	21	☿		13	♋		7	59
iiii	g	Chillian. biſh.	piſce	25	25	18	☊		19	☌		7	58
ix	a	Cyrti biſhop	arie	7	26	15	□	☽	☿		12 p	7	57
x	b	5 Sun. aft. Trin.	arie	19	27	12	☍	☽	♃		11 a	7	56
xi	c	Pius papa m.	taur	1	28	10	☽		apog.			7	54
xii	d	Nabor & Felix	taur	13	29	7	△	♄	☿		ſere	7	53
xiii	e	Sun in leo.	taur	24	0	4	☍		♏		11	7	52
xiiii	f	Anaclet biſhop	gem	7	1	1	☿		8		♍	7	50
xv	g	Swithun tran	gem	19	1	59	☿		13		♋	7	49
xvi	a	Olmond	canc	2	2	56	✶	♄	☿		20	7	48
xvii	b	6 Sun. aft. Trin.	canc	15	3	53	□	☽	♃	7	p	7	46
xviii	c	Stmphzon. m	canc	28	4	51	☿		12		♍	7	44
xix	d	Dog dales beg	leo	11	5	48	□	♄	☽		11 a	7	43
xx	e	Juſt. & Ruff.	leo	25	6	45	△	♃	☽		1 a	7	41
xxi	f	Praxed virg.	virg	6	7	43	□	☾		☍		14 7	40
xxii	g	Mary Magd.	virg	24	8	40	☍	☽		☿	1 a	7	38
xxiii	a	Apolina biſhop	libra	8	9	38	□	♃	☿		1 a	7	37
xxiiii	b	7 Sun. aft. Trin.	libra	22	10	35	□	☌	☿		4 a	7	35
xxv	c	James apoſtle	ſcorp	6	11	33	□	☉	♄		5 a	7	34
xxvi	d	Ann. mat. Mar.	ſcorp	20	12	30	✶	♃	☌			7	33
xxvii	e	Pantal. mart	ſagit	4	13	27	☌		20		♏	7	31
xxviii	f	Sampſon biſh	ſagit	18	14	25	☿		24		♍	7	29
xxix	g	Martha virg.	capri	2	15	22	☿		27		♋	7	27
xxx	a	Beatrix mar.	capri	15	16	20	□	☽	♃		5 p	7	25
xxxi	b	8 Sun. aft. Trin.	capri	29	17	18	☽		☿		1 p	7	23

Auguſt hath xxxi dayes.

Full moon the 1 day, at 11 at night.
Laſt quartile the 9 day, at 10 at night.
New moon the 17 day, 35 min. after 10 before noon.
Second quartile the 24 day, 34 min. paſt 3 in the morn.
Full moon the laſt day, 14 min. after noon.
Evening ſtarre ſets 38 min. afte 8

	c	Lammas day	aqua	12			♄	11	♏	7	22
	d	Stephen pap.	aqua	26	19	13	△ ☉ ♃	noon		7	20
	e	Inv. S. Ste.	piſce	8	20	10	♃	18	♈	7	18
	f	Dominic, conf.	piſce	21	21	8	♂	25	♊	7	17
	g	Feſtum Nives	Arie	3	22	6	☿	3	♌	7	15
	a	Transfig. Dom.	arie	15	23	4	☿	9	♋	7	13
♋		9 Sun. aft. Trin.	arie	27	24	2	☽ apog.	□	♆ ☿	7	11
	c	Cyriac, mart.	taur	9	24	59	☌ ☽	☿	11 p	7	9
	d	Roman. mart.	taur	21	25	57				7	8
	e	Laurence mar	gem	3	26	55	△ ☽	☿	12	7	6
	f	Tyburt, mart	gem	15	27	52	△ ♃	☿	4 p	7	4
	g	Clare virg.	gem	27	28	50	♂ ☽	♂	6 p	7	2
	a	Sanin virg.	canc	10	29	48	□ ☽	☿	3 p	7	0
♌		10 Sun. af. Trin	canc	23	0	46	□ ☽	♃	3 a	6	59
	c	Aſſumpt. Mar.	leo	6	1	44	♃	18	♈	6	57
	d	Eluther. biſh.	leo	20	2	42	♂	3	♋	6	55
	e	Oct. Laurence	virg	4	3	40	☿	16	♌	5	53
	f	Agapit mart.	virg	19	4	38	☿	☌	♍	6	52
	g	Sebaldus	libra	3	5	36	☌	♃	☿	6	50
	a	Bernard Ab.	libra	18	6	34	✶ ☉	♂	16	6	48
♍		11 Sun. af. Trin	ſcorp	2	7	32	✶ ♂	☿	6	6	46
	c	Dog-dales end	ſcorp	17	8	31	♂ ☉	☿	9 a	6	44
	d	Fachet Faſt	ſcorp	30	9	29	□ ☾	☿	7	6	42
	e	Bartholmew	ſagit	14	10	27	□ ♄	☿	9 p	6	40
	f	Lewis. & Fra	ſagit	28	11	25	☌ ☾	♂	18	6	38
	g	Zephirin. mar	capri	12	12	24	✶ ☉	♅	20	6	36
	a	Ruffinus mar	capri	25	13	22	♂	1●	♋	6	34
♎		12 Sun. aft. Trin	aqua	8	14	20	☿	29	♌	6	32
	c	J. Bap. beh.	aqua	21	15	19	☿	23	♍	6	30
	d	Felix & Andre	piſce	4	16	17	△ ♄	☾	△ ♂	6	28
	e	Paulinus	piſce	17	17	15	△ ♅	♂	12 p	6	26

September hath xxx dayes.

Last quartile the 8 day, 18 min. after five at ni
New moon the 15 day, 46 min. after 7 at nigh
Second quartile the 22 day, 24 min. after 11 mo
Full moon the last day, 22 min. past 4 in the mo
Evening starre sets 33 minutes after 7.

i	f	Dyles abbot	pisce	29				
ii	g	Uezonice	Arie	12	19	12		
iii	a	Seraph.virg	arie	24	20	11		
iiii		13 Sun.aft.Trin	taur	5	21	10		
v	c	Bertine	taur	17	22	8		
vi	d	Eluthertus	taur	29	23	7		
vii	e	Nat.Qu.Eliz.	gem	11	24	5		
viii	f	Nat.Mary virg	gem	23	25	4		
ix	g	Gorgonius m.	canc	5	26	3		
x	a	Hilbius	canc	18	27	2		
xi		14 Sun.aft.Trin	leo	1	28	1		
xii	c	Guidon, conf.	leo	14	28	59		
xiii	d	Sun in Libra	leo	28	29	58		
xiiii	e	Holy rood.	virg	12	0	57		
xv	f	Ember week.	virg	27	1	56		
xvi	g	Euphem. vir.	libr	12	2	55		
xvii	a	Lambert bish.	libr	27	3	54		
xviii		15 Sun.aft.Trin	scorp	12	4	53		
xix	c	Theodor.bish.	scorp	27	5	53		
xx	d	Eustac. Fast	sagit	11	9	52		
xxi	e	Matthew apo.	sagit	23	7	1		
xxii	f	Mauritius	capr	9	8	50		
xxiii	g	Lin. first pope	capr	22	9	49		
xxiiii	a	Andochie	aqua	6	10	49		
xxv		16 Sun.aft.Trin	aqua	19	11	48		
xxvi	c	Cyprian.mar	pisce	1	12	47		
xxvii	d	Colm.e Dam	pisce	14	13	47		
xxviii	e	Edith. vir.	pisce	26	14	46		
xxix	f	Michael arch.	Arie	8	15	46		
xxx	g	Hieronymite	arie	20	16	43		

October hath xxxi dayes.

Last quartile the 8 day, 35 min. past 8 in the morning.
New moon the 15 day, 10 min. past 5 in the morn.
Second quartile the 21 day, 25 min. past 10 at night.
Full moon the 29 day, 31 minutes after 10 at night.
Evening starre sets 43 minutes after six.

a	Remigius	taur	2	☉	♎	☽ apog.			5	24
♋	17 Sun. aft. Trin	taur	14	18	44	☿	16	♏	5	22
c	Candid. mart	taur	20	19	44	♃	13	♈	5	20
d	Francis. conf.	gem	7	20	44	♂	2	♌	5	19
e	Apolinaris	gem	19	21	43	♀	6	♐	5	16
f	Octab. Mich.	canc	1	22	43	☿	15	♏	5	14
g	Mark pope	canc	14	23	43	♋	15	♉	5	12
a	Beleg. penit.	canc	26	24	43	♂ ☾ ♂		16	5	10
♋	18 Sun. aft. Tri.	leo	9	25	42	□ ☾ ♄		14	5	10
c	Term begins	leo	23	26	42	♂ ☿ ♀		ferè	5	6
d	Michal. bish.	virg	6	27	42	□ ☽ ♀	8	☍	5	4
e	Wilfran bish.	virg	21	28	42	△ ♃ ♀	noon		5	2
f	Quind. Mich.	libra	5	29	42	☌ ☽ ♃	11	☍	5	0
g	Sun in scorpio	libra	19	0	42	✶ ☿ ☽	2	☌	4	59
a	Aurelia virg.	scorp	5	1	42	☽ per.	☌ ☿	17	4	57
♋	19 Sun. af. Trin	scorp	21	2	42	♃	8	♌	4	55
c	Etheldred	sagit	6	3	42	♀	15	♐	4	53
d	Luke evang.	sagit	20	4	43	☿	15	♏	4	51
e	Frideswid vir	capri	5	5	43	♃	11	♈	4	49
f	Tres Mich.	capri	19	6	43	□ ☽ ♃	11	☍	4	47
g	Fair at Walden	aqua	2	7	43	△ ♃ ♂	4	☍	4	45
a	Heberus bish.	aqua	15	8	43	□ ☽ ♐	6	☍	4	43
♋	20 Sun. af. Trin	aqua	28	9	44	□ ♂ ☿	13		4	41
c	Magloste	pisce	11	10	44	□ ☽ ♀	17		4	39
d	Chrispin	pisce	23	11	44	♂ ☉ ☿	11	☌	4	38
e	Evaristi. pope	Arie	5	12	45	♂ ☽ ♃	10	☍	4	36
f	Mens. Mic. Fast	arie	17	13	45	☒ ☉ ♂	14		4	34
g	Simon & Jude	arie	29	14	45	♂	4	♌	4	32
a	Narcissus bish	taur	11	15	46	♀	21	♐	4	30
♋	21 Sun. af. Trin	taur	23	16	46	♀	8	♏	4	28
c	Quintin Fast	gem	16	17	47	✶ ☽ ♃	12	☌	4	27

November hath xxx dayes.

☾ Laſt quartile the 6 day, 19 min. paſt 10 at night.
● New moon the 13 day, 14 min. paſt 3 after noon.
☽ Second quartile the 20 day, 6 minutes paſt 1 afternoon.
○ Full moon the 28 day, 7 minutes paſt 6 at night.
Evening ſtarre ſets 44 minutes after five.

i	d	All ſaints	gem	16			♄ apog.				4	25
ii	e	Animarum	gem	28	19	49	♄	20	♏		4	24
iii	f	Craſt. Anim.	canc	11	20	45	♂ ☉ ♃	11	♐		4	22
iiii	g	Amantius	canc	23	21	50	♃	9	♈		4	21
v	a	Powder treaſ	leo	5	22	51	♂	17	♌		4	19
vi	♎	22 Sun.af. Trin	leo	18	23	52	♀	23	♐		4	17
vii	c	Willibrood	virg	2	24	52	☿	9	♏		4	16
viii	d	4 crowned mar	virg	15	25	53	♋	3	♉		4	15
ix	e	Theodore ma.	virg	29	26	54	♂ ☽	♃	16	♌	4	14
x	f	Tryphen mar	libra	14	27	55	✶ ☽	♂	9	♑	4	12
xi	g	Martin biſh.	libra	29	28	56	☽ perig. the				4	11
xii	a	Craſt. Mart.	ſcorp	14	29	57	12 day				4	9
xiii	♏	Sun in ſagit.	ſcorp	28	0	58	△ ☽	♃	17	♌	4	7
xiiii	c	Iucundus biſh	ſagit	14	1	58	△ ☽	♂	12	♌	4	6
xv	d	Leopoldus	ſagit	29	2	59	▨ ☽	♃	18	♌	4	5
xvi	e	Edmund depo	capri	13	4	0	♃	9	♈		4	3
xvii	f	Hugen biſhop	capri	28	5	1	△	♂	♀	10	4	2
xviii	g	Oſab. mart.	aqua	11	6	2	□ ♄	♂	5	♑	4	1
xix	a	K. Charls born	aqua	25	7	3	♂	22	♌		3	59
xx	♐	24 Sun.aft. Trin	piſce	7	8	4	♀	20	♐		3	58
xxi	c	Edmond king	piſce	20	9	6	☿	20	♏		3	57
xxii	d	Pzeſen of Wa	arie	2	10	7	△ ☉	♃	16	♍	3	56
xxiii	e	Cicely virgin	arie	14	11	8	♂ ♄ ☿	22	day.		3	55
xxiiii	f	Clement pap.	arie	26	12	9	□ ♂ ♀	23	da		3	54
xxv	g	Quin. Mart.	taur	8	13	10	☽	♋			3	53
xxvi	a	Cathezin virg	taur	20	14	11	☽ apog.				3	52
xxvii	♑	Advent ſund.	gem	1	15	12	♋ ☽	☿	68		3	51
xxviii	c	Term ends	gem	13	16	13	♂ ☉	♀	19		3	50
xxix	d	Saturn Faſt	gem	25	17	15	✶ ☽	♂	11	♐	3	49
xxx	e	Andrew apoſt	canc	7	18	16	□ ☽	♃	4	♑	3	49

☾ Laſt quartile the 6 day, at 10 before noon.
● New moon the 13 day, 11 min. paſt 2 in the morn.
☽ Second quartile the 20 day, 41 min. paſt 7 in the morn.
◉ Full moon the 28 day, 21 min. paſt 11 at noon.
Jupiter ſets at one and 33 min. morning.

i	f	Eligius biſh.	canc	20	☉	♃	♆	23	♏	3	48
ii	g	Bibian virg.	leo	3	20	19	♅	9	♈	3	48
iii	a	Lucius king	leo	15	21	20	△	♅	☿	19	3	47
iiii		2 Sun. in Adve.	leo	28	22	21	♂	16	♌	3	47
v	c	Sabbe abbot.	virg	12	23	22	♀	☿	♂	22	3	46
vi	d	Nicholas biſh	virg	25	24	24	♀	12	♐	3	46
vii	e	Ambroſe biſh.	libra	9	25	25	☽	✶	♀	✶	☿	3	46
viii	f	Concep. Mar	libra	23	26	26	☽	✶	♂	5	♇	3	45
ix	g	Oculus biſh	ſcorp	8	27	28	☽	perig.	and	3	45
x	a	Melchiades	ſcorp	23	28	29	△	☉	♂	9	day	3	45
xi		3 Sun. in Adven	ſagit	6	29	30	☊	14	♉	3	45
xii	c	Sun in capric.	ſagit	21	0	31	♂	☽	♀	3	45
xiii	d	Lucie virg.	capri	7	1	33	□	☽	♅	5	♇	3	45
xiiii	e	Ember week	capri	22	2	34	△	♂	☿	11	♇	3	45
xv	f	Michaelus biſh	aqua	6	3	35	△	♅	♀	16	3	45
xvi	g	O ſapientia	aqua	20	4	37	♌	☾	♂	16	3	45
xvii	a	Lazarus biſh.	piſce	3	5	38	□	☽	♀	15	3	46
xviii		4 Sun. in Adven	piſce	16	6	40	♅	10	♈	3	46
xix	c	Hemel. mart.	piſce	28	7	41	♂	27	♌	3	46
xx	d	Philog. Faſt	Arie	11	8	42	♀	9	♐	3	47
xxi	e	Thomas apoſt.	arie	23	9	44	♂	☉	☿	14	3	47
xxii	f	30 Martyrs	taur	4	10	45	☉	perig.	3	48
xxiii	g	Victoria virg.	taur	16	11	46	□	☉	♅	1	a	3	48
xxiiii	a	Delphin. Faſt	taur	28	12	47	☽	apog.	3	49
xxv		Christ born	gem	10	13	49	△	♅	♀	17	3	50
xxvi	e	S. Stephen.	gem	22	14	50	✶	☽	♂	10	♇	3	51
xxvii	d	S. John.	canc	4	15	51	□	☽	♅	13	3	52
xxviii	e	Innocents.	canc	17	16	53	♀	11	♐	3	53
xxix	f	Thom. cant.	canc	29	17	54	♂	26	♎	3	54
xxx	g	James tranſl.	leo	12	18	55	□	♄	♂	21	3	55
xxxi	a	Sylveſter	leo	26	19	57	✶	♄	☿	9	♇	3	56

THE

Anatomie of Mans body, as the parts thereof are by Astrologers attributed unto the 12 signes of the zodiaque.

♈ Aries Head and face.

♉ Taurus Neck and throat.

♋ Cancer Breast, stomack and ribs.

♍ Virgo Bowels and belly.

♏ Scorpio Secret members.

♑ Capricornus Knees

♊ Gemini Armes and shoulders.

♌ Leo Heart and back.

♎ Libra Reins and loyns.

♐ Sagittarius Thighes.

♒ Aquarius Legs.

♓ Pisces the feet.

Characters of the seven Planets, with their aspects.

♄ Saturn ♃ Jupiter ♂ Mars ☉ The Sunne ♀ Venus ☿ Mercury ☽ ● The Moon. ☌ Conjunction ☍ Opposition □ Quadrant ✶ Sextile △ Trine.

Times prohibiting marriage.

From *Advent* sunday until the 13 of *Ianuary*. From *Septuagesima* till eight dayes after *Easter*. From *Rogation* sunday, till *Trinity* sunday.

Of the foure quarters of the yeare.

Of the Winter.

This hyemall quarter, being the first according to our Astronomicall account, took his beginning in the antecedent yeare 1630, the 11 day of December, 35 minutes after five of the clock at night, at which time the sunne entred into the first minute of Capricorn, producing to us our shortest day, being in length but seven houres and 30 minutes; which is by reason the sunne then hath his greatest declination towards the South, his altitude upon our meridian at Walden being then but 14 degrees, and 29 minutes; and his amplitude of rising from the true East and West points, towards the South, is 40 degrees and 25 minutes. This quarter continueth untill the sunne hath passed through these three winterly signes, ♑, ♒, ♓. This season is by nature more cold then any of the other, and the weather being the more agreeable to its owne nature, is the better. A warm and moist winter is an enemy to husbandmen: but reasonable store of frost and snow doth rancken the fields, and beget plenty.

Of the Spring.

The sunne, which is not onely the worlds bright eye, but also the beginner, finisher, and divider of times and seasons, as of moneths, dayes, and yeares, having run his course through the twelve signes in the zodiaque, doth now anew begin again his task, and entring into the equidiurnall signe Aries this tenth of March, 54 minutes after five at night, the day is reduced to an equall length with the night to us, and in all other places, except it be under the poles of the world, where they have many dayes together. This quarter continueth untill the sunne

have passed through these three signes, ♈, ♉, and ♊. This quarter is more comfortable then any of the other, to all things that have either life or motion: lambes do now begin to skip and play, and the young and tender plants put forth their branches, the sunne yeeldeth heat moderately, whilest the sweet influentall showres are distilling down the little hills and valleys, whereby mans heart is inflamed with a hopefull reward of his long and wearied labours.

Of Summer.

The sunne being now 23 degrees 31 minutes and 30 seconds on the north side of the equator, which according to observation of Astronomers, is his greatest declination at his first entrance into the solstitiall signe Cancer, which is this yeare the 11 of June at ten of the clock at night, being the nearest to our zenith, and our day at Walden being 16 houres 30 min. in length; his amplitude of rising is now towards the north, not coming to the true East point till 19 min. after 7 of the clock; nor to the West point till 41 min. after 4: whereby it appeareth that nothing standing upright can give any true shadow to finde any other houre of the day then noon, as many falsely suppose. This quarter is naturally hot and dry, bringing all things to a full perfection of ripenesse that have been hatched and brought forth by the spring. This quarter continueth til the sunne hath passed through these three signes, ♋, ♌, ♍.

Of Autumne.

Autumne the last quarter Astronomicall, beginneth the 13 day of September, about high noon; the sunne then entring into the first minute of Libra, and making the day and the night of equall length. This quarter continueth untill the sunne have passed through these

three ſignes, viz. ♎, ♏, ♐, in which time the earth will have quite loſt her beauty; and all other things wherewith our outward ſenſes have heretofore been much delighted, will now begin to be hid in obliviion, whereby I may conclude thus;

OFt wants our ſight that lamp of light
which paſſeth all in fame;
Who by his force in Northren courſe
cold *Boreas* blaſts can tame.
Gone are thoſe houres when *Aprils* ſhowers
to entertain the ſpring,
And birds in woods on boughes and buds
did make their echoes ring.
That moneth of *May* in garments gay,
that vernall time was ſpide;
Now kept in aw by natures law,
and forc't to leave that pride:
Valleys that green in *June* were ſeen
till now could not abide,
The ſcorching heat of *Julies* threat
of beauty them depriv'd
We could not ſtay no not one day
of *Auguſt's* moneth ſo kinde,
Though well approv'd us dearly lov'd,
as once a yeare we finde:
He doth reſigne and yeelds his time
to the Autumnall ſeaſon,
When leaves do fall, and eke withall,
ſuch pleaſant ſights are geaſon,
Thus ſeaſons faſt with time flee paſt,
ſo ſwift doth Phœbus ride,
We cannot claſp our hold ſo faſt,
but from us ſoon they ſlide.

Of the retrograde motions of the planets.

Saturn is retrograde from the 16 of February to the firth of July. Jupiter is retrograde from the 29 of July unto the 24 of November. Mars is direct until the 20 of December. Venus is retrograde from the 8 of November until the 18 of December. Venus begins to be an evening starre about the tenth of February, and so continueth until the 29 day of November, at which time she will be in conjunction with the sunne, in perigeon of her epicicle, and also in the perigeon of her excentricity. It being her nearest distance that she can be unto the earth, whereby at her first appearance she will seem very great: and the dayes being cleare after the midst of December, at any time in the day she may be seen to go before the sunne. Mercury is retrograde from the 21 of February to the 16 of March: from the 19 of June to the 12 of July: from the 13 of October to the third of November.

Of eclipses happening this yeare 1631.

There will be this yeare foure eclipses, two of the sun and two of the moon: those of the moon will both appeare to us. The first of them is the 5 of May, the sunne setting 44 minutes after 7 of the clock, and the moon then rising totally eclipsed, 31 degr. 50 min. from the East point towards the South: she will begin to recover some of her light about 8 of the clock, and 4 minutes after 9 she will have fully recovered her perfect light. The parts eclipsed in her greatest obscurity are 21 digits, and the time from the beginning to the ending is 3 houres and 40 minutes.

The second of the moon will be the 29 of November, she then entring into the shadow of the earth, 7 digits more then her whole body. The beginning will be at eight of the clock and 52 minutes, the totall darknes about ten, the middle at eleven, and so continuing in darknes until 11: at one in the morning she will have recovered her perfect light: from the beginning to the end of this eclipse is foure houres and 16 minutes.

A Ta-

A table to finde the coming to the South of the Moon, Planets, and fixt starres.

☉ place	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	☉ place
Min. funne moo	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	Min. funne leeh
	2		4		6		8		10		12		
dgs	mo.	least	most	lea.	mo.	least	most	lea.	mo.	least	most	lea.	dgs
56	1	1	2	3	4	5	6	7	8	9	10	11	12	1	4
52	2	1	2	3	4	5	6	7	8	9	10	11	12	2	8
48	3	1	2	3	4	5	6	7	8	9	10	11	12	3	12
44	4	1	2	3	4	5	6	7	8	9	10	11	12	4	16
40	5	1	2	3	4	5	6	7	8	9	10	11	12	5	20
36	6	1	2	3	4	5	6	7	8	9	10	11	12	6	24
32	7	1	2	3	4	5	6	7	8	9	10	11	12	7	28
28	8	1	2	3	4	5	6	7	8	9	10	11	12	8	32
24	9	1	2	3	4	5	6	7	8	9	10	11	12	9	36
20	10	1	2	3	4	5	6	7	8	9	10	11	12	10	40
16	11	1	2	3	4	5	6	7	8	9	10	11	12	11	44
12	12	1	2	3	4	5	6	7	8	9	10	11	12	12	48
8	13	1	2	3	4	5	6	7	8	9	10	11	12	13	52
4	14	1	2	3	4	5	6	7	8	9	10	11	12	14	56
0	15	1	3	3	5	5	7	7	9	9	11	11	1	15	0
56	16	12	3	2	5	4	7	6	9	8	11	10	1	16	4
52	17	12	3	2	5	4	7	6	9	8	11	10	1	17	8
48	18	12	3	2	5	4	7	6	9	8	11	10	1	18	12
44	19	12	3	2	5	4	7	6	9	8	11	10	1	19	16
40	20	12	3	2	5	4	7	6	9	8	11	10	1	20	20
36	21	12	3	2	5	4	7	6	9	8	11	10	1	21	24
32	22	12	3	2	5	4	7	6	9	8	11	10	1	22	28
28	23	12	3	2	5	4	7	6	9	8	11	10	1	23	32
24	24	12	3	2	5	4	7	6	9	8	11	10	1	24	36
20	25	12	3	2	5	4	7	6	9	8	11	10	1	25	40
16	26	12	3	2	5	4	7	6	9	8	11	10	1	26	44
12	27	12	3	2	5	4	7	6	9	8	11	10	1	27	48
8	28	12	3	2	5	4	7	6	9	8	11	10	1	28	

¶ A table of ſome of the fixt ſtarres, ſhewing with what degree of the ecliptique they come to the meridian, their ſemidiurnall ark, their coming to the South the firſt of *Ianu.*

Starres names.	degree of the ecliptick			Semidiornall ark.		South *Ianuar.* 1.	
	Sign.	*deg.*	*mi.*	*hou.*	*min*	*hou.*	*min.*
Whales tayl *auſtral.*	♈	6	47	4	10	4	53 ante
Lucida in caput ariet.	♈	28	43	6	15	6	15
Meduſaes head	♉	13	35	ſet not		7	12
Bulls eye	♊	5	38	7	24	8	43
Middlemoſt of the 7 ſtars	♉	23	48	8	11	7	54
Orions right ſhoulder	♊	24	20	6	38	10	3
The great dogge	♋	6	43	4	33	10	57 noone.
The leſſer dogge	♋	18	31	6	32	11	48
The head of Apollo prec.	♋	16	22	9	37	11	38
Hydraes bright ſtarre	♌	14	36	5	23	1	37 noone.
Lions heart	♌	24	53	7	13	2	16
Lions tail	♍	21	51	7	30	3	58
Virgins ſpike	♎	17	53	5	12	5	34
Arcturus	♎	1	55	8	0	6	27
South Balance	♎	9	57	5	8	6	58
North balance	♎	16	49	5	19	7	25
Lucida corona	♎	22	17	8	52	7	48
Scorpions heart	♏	3	48	3	31	8	35
Lucida lyræ	♑	5	43	ſet not		10	53 night.
Lucida in aquillæ	♑	21	26	5	55	11	51 afternoone.
Swannes tail	♒	5	31	ſet not		0	59
Goats tail precend.	♒	17	27	4	20	1	48
Crus ♒ auſtralis	♓	7	6	4	23	3	4
Foma hant	♓	7	28	2	34	3	52
Crus pegaſi	♓	10	0	8	34	3	16

The uſe of this table is by the ſtarres to know the houre of the night: or knowing the houre, to know the ſtarres: pleaſant for ſchollers, gentlemen, mariners, and others.

The uſe of the former tables follow.

If you desire to finde the coming to the South of any starre, seek in the table of the fixt starres with what degree of the ecliptique it comes to the meridian; seek also in the fifth columne of the kalender against the day you desire for the place of the sun, keeping in your minde the difference of the number of their degrees; and then come to the table intituled, [A table to finde the coming to the South of the moon, planets, and fixt starres] and under ☉ place, finde the character of the signe that the sunne is in, and right against the same finde likewise the character of the signe that starre comes to the meridian with; and at the bottome of the characters you have the houre desired: but if the one exceed the other in the number of their degrees, the sunne being least; then for every degree must be added 4 min. to that houre, and therefore proceed downwards, guiding your eye on the right hand of that columne, untill you come against the number of their difference in degrees, and in that place you have the houre, and on the right hand of the table the minute. But if the sunne be most, then for every degree must be subtracted 4 min. from that houre found at the bottome of the characters; & therefore guide your eye downwards on the left hand of that columne, & against the difference of the number of their degrees, ye have the ho. and m. desired, the hour. on the left hand of the columne, and the minute on the left hand of the table. And that you may have their comings to the south more exact, enter with the suns place on the table in the beginning of the book, on the head thereof; and if the characters of the sunnes place be there red, then must you finde the place of the starre on the right hand of that table; but if the characters of the sunns place be in black, then seek on the left hand of the table, and in their place of meeting you have the minute, which being of the colour of their characters, is to be added to the hou. and m. found by the former table: but if on the contrary colour they are to be subtracted, and then the product or remainder is the exact hou. and min. desired. Example,

Example. The 29 of January I desire to know at what houre and minute the Buls-eye comes to the South. First I seek in the table of the fixt starres with what degree of the ecliptique that starre comes to the meridian, which I finde to be with the 5 degree of Gemini; also I seek in the fifth columne in the kalender against the 29 of January for the sunnes place, which is that day the 19 degree of Aquarius, omitting their minutes in both their places. Now I come to the table in the prognostication, and on the right hand of the table under this title ☉ place, I finde this character of ♒ Aquarius, and from that character right against the same towards the left hand of the table, I guide mine eye untill I come to the character of that signe which that starre comes to the meridian with, which is ♊; and because the sunne being in the 19 degree, and the starre in the 5 degree, there is 14 degrees difference, the sunne most in the same columne under the title of *ms.* or *most*, which is for *sunne most*, I proceed downwards, untill I come against 14 degrees, and there I have seven houres, and right against the same on the left hand of the table, under the title of Min. sunne most is 4, which are minutes, which is 7 houres and 4 minutes: now entring again with the 19 degree of Aquarius the sunnes place in the head of the table at the beginning of the book, which I finde there in red characters, and the degree which there is neerest 19, against the characters of Aquar. ♒ is 14, which I take: and because I found the sunnes place in red characters, therefore I must finde the 5 degree of ♊ Gem. or for want of the 5 degree, the neerest which is foure, on the right hand of the table in red characters likewise, and right against the said 4 degree of ♊, and under the said 14 degree of ♒, is 18, which are minutes, which because the said min are in black, contrary to the colour of their characters, therefore I subtract them from the houre and min. found by the former table, that is, from 7 hou. 4 min. and the remainder is 6 ho. 46 min. the exact time of the Buls-eye coming to the South that 29 day of January. Now

¶ Note this, that in this table in the prognostication, on which side of the table soever the sunnes place is found, the character of the signe of the starre being on that side of the columne neareſt the sunnes place, his coming to the South after noone is in this example, ♒ the sunnes place was found on the left hand of the table, and ♊ the starres place was on the left hand of the columne, which was on that side of the columne neareſt the sunnes place; and therefore I conclude the coming to the south of that starre to be at them houres and minutes after noon. Note also, that what is said of a starre is as well meant of the planets or moon.

2 Example. The 19 day of September I desire to know the houre and minute of Jupiter his coming to the South. The sunnes place that day is the 5 degree of ♎, and the place of Jupiter is the 15 degree of ♈; the one being in the 5 degree, and the other in the 15 degree, there is ten degrees difference, the sunne least. Now I look into the table in the prognostication, and there I seek for ♎ the character of the sunnes place under that title, which I finde on the right hand of the table, and right against the same towards the left hand I seek for the character of Aries the place of Jupiter, which is in the next columne from thence I proceed downwards untill I come against the difference of the number of their degrees on the right hand of the table under the title of degrees the ☉ least, which is 10, and on the right hand of the columne wherein I finde Jupiters place is 12, and under the title of Min. sunne least is 40, that is, at 12 of the clock and 40 minutes. Now to know the errour of this table I enter with the 5 degree of ♎ the sunnes place in the head of the table in the beginning of the book; but because the 5 degree is not there to be found, I take the neareſt, which is 6: The sunnes place being found in black characters I must finde the place of Jupiter likewise in black characters on the left hand of the table, which is the 15 degree of Aries: but for want of the 15 I take 16, and from thence I guide mine eye untill I come

under

under the sunnes place which I first found on the head of the table, and in that place of meeting is 3; which because it is red, contrary to the colour of their characters, I subtract it from the houres and minutes found by the former table, which are 12 hou. and 40 min. and the remainder will be 12 hour. & 37 min. that is 37 min. after midnight, the coming to the south of Jupiter the 19 of September.

3 Example. The third of March I would know the coming to the south of the moon; the sunnes place that day is the 22 of ♓: also I finde the moons place to be the 20 of ♋; the difference of the number of their degrees is two with their places and the difference of the number of their degrees I enter the table in the prognostication, and do there in like manner as I shewed in the former example, and the hou. and min. produced are 7 hour. 52 min. Then again to know the errour I enter with the sunnes place on the head of the table in the beginning of the book, and with the moons place on the right hand of the table, and in their place of meeting is 4; which being of the colour of their characters I adde to the houre and minute found by the first table, and the product thereof will be 7 houres and 56 min. But note thus much of the moons coming to the south, that so many houres as her coming to the south is found to be afternoon, so many two minutes are to be added to them houres and minutes: as in this example I adde 16 min. to 7 houres and 56 minutes, and the product thereof will be 8 hou. 12 min. that is, at 8 of the clock and 12 min at night, the exact coming to the south of the moon that 3 of March, not having respect to her latitude. The reason of the adding of the said min. is, because the places of the sunne and moon being taken at noon, there is then such distance as the tables import: but in the time that is betwixt noon and the moons coming to the south, she will by her own naturall motion be gone in every two houres well neare a degree toward the East, which doth for every degree hinder her in her coming to the

the South 4 min. in time. Likewise after her full when her coming to the south is in the morning, so many houres as her coming to the south by the tables wanteth of noon, so many two minutes must be subtracted from the houres and min. found by the said tables, by reason the moon her place being taken at noon, and her coming to the south is before she is come to that place, as in this next example.

4 Example. The 14 of April I would know the hour. and min. of the moon her coming to the South. The sunnes place that day is the 4 of ♉, and the moons place is the 18 of ♒; the difference of the number of their degr. is 14: the ho. and min. produced by the first table by their places and difference of the number of their degrees the sunne being least, are 6 hour. and 56 min. Then again entring with the 4 degree of ♉ the sunnes place in the table in the beginning of the book, and with the 18 degree of ♒ the moons place on the left hand of that table, or for want of the 18 degree take the nearest unto it, which is 14, in the very bottom of the table, and from thence I come in a right line, untill I come under the sunnes place which I first found on the head of the table, and in that place of meeting are 19, which because they are of the colour of their characters, I adde them to six hou. 56 min. the houres and minutes found by the first table, and the product thereof will be 7 hour. 15 min. which because it wanteth almost five hour. of noon, I subtract from the said 7 hou. and 15 min. 10 minutes, and there will remain 7 hou. 5 min. which are the houres and minutes desired.

It may be, some may say, the moons coming to the south is found more easily by the common table only by her age: I answer, that table will not serve those that desire exactnesse; for the zodiaques obliquity, her unequall motion, and the time of her change make it very erroneous, sometimes differing from the truth above an houre, her change being at 11 at night or 1 in the morning: following them examples of those tables there is 22 m. difference the 1 day:

and

and in these examples which I have taken of her coming to the South in this prognostication, there is 36 min. difference in the one, and 41 in the other. The moons age in the first example is 11 dayes, and her coming to the South by that table is at 8 and 48 min: but by my tables it is at 8 & 12 min. Also in the second her age is 23 dayes, and her coming to the South by that table is at 6 and 24, but by my tables at 7 and 5 min. how these agree with the truth, I leave to those that are experienced in this art. The more exact her coming to the South is found, the more exact are those things which are built thereupon, as the ebbing and flowing of the seas, the houre of the night upon a sunne dial by the shadow of the moon, & the like.

Note that the houre of the moons coming to the South is the time of full sea at Quinborough, Southamp. Portsm. But for Redban, or Aberden, adde 45 min. For S. Andrews, Dundee, Silli, adde 2 ho. 15 m. For Frith, Lieth, Dunbar, adde 4 30 m. For Falmouth, 5 h. 15 m. For Foy, Lin, Hambo, Plimmouth, 6 hou. For Milford, Bridgwater, 7 ho. 30 m. For Portland, Peterport, 8 ho. 15 m. For Orkenpool, Orwell, 9 h. For Bulloigne, Dover, Harwich, Yarmouth, 10 ho. 30 min. For Callice, Rye, Winchelsey, 11 ho. 15. min.

A table to finde the rising and setting of the moon, calculated for the middle part of the yeare, the moon cutting the ecliptique in the 22 degree of Taurus.

SIGNES	*degr.*	o	*degr.*	5	*degr.*	10	*degr.*	15	*degr.*	20	*degr.*	25
	ho.	m.	ho.	m.	ho.	m.	ho.	m.	ho.	m.	ho.	m.
Aries	5	55	6	5	6	16	6	27	6	41	6	54
Taurus	7	7	7	18	7	28	7	41	7	52	8	0
Gemini	8	10	8	20	8	30	8	39	8	46	8	49
Cancer	8	53	8	55	8	55	8	53	8	51	8	47
Leo	8	40	8	32	8	22	8	13	8	2	7	51
Virgo	7	41	7	28	7	17	7	7	6	55	6	43
Libra	6	29	6	16	6	8	5	57	5	43	5	29
Scorpio	5	17	5	6	4	55	4	43	4	32	4	23
Sagittarius	4	14	4	4	3	54	3	45	3	38	3	35
Capricorn	3	31	3	29	3	29	3	31	3	33	3	37
Aquarius	3	44	3	52	4	2	4	11	4	21	4	31
Pisces	4	43	4	55	5	7	5	17	5	29	5	41

¶ The use of the former table.

Tis a thing much desired of many, to have rules or tables to finde the rising and setting of the moon; but by reason of the moons many motions, such tables are very tedious to be calculated, and hard to be understood; and as for such tables as are perpetuall, they cannot be true: yet to satisfie those that have a desire therein, I have calculated the moons semidiurnall arke, or rather the houres and minutes that she spendeth from her rising to her coming upon the meridian, or from her being upon the meridian unto her setting, calculated for every five degrees of the 12 signes, serving with very small errour any part of this present yeare, 1631. The use of which is thus; first finde the moons coming to the South, then seek the signe the moon is in on the left hand of this table, and the degr. nearest the moons place on the head of the table, and in the angle or place of meeting you have the hour, and min. which added to the houre and minute of her coming to the South, sheweth the time of her setting; or contrariwise substracted, sheweth the time of her rising.

Example. I found by the former tables the 3 of March the moon to come to the South at 8 and 12 min. at night; her place that day at noon was 20 degr. of Cancer: but I suppose at the time of her setting she will be neare entring into Leo, and therefore I seek Leo on the left hand of the table *degr.* 0 on the head of the table; and in that place of meeting are 8 ho. 40 m. which being added to 8 ho. 12 m. the product will be 16 ho. 52 m. that is, at 4 and 52 min. morn. Likewise if you substract the said 8 ho. and 40 min. from 8 and 12, the remainder is the time of her rising.

Also the 14 of April her coming to the South was at 7 and 5 m. morn. her place at noon was the 18 of Aquar. but about her rising I suppose she is nearest the 10 of Aquar. therefore I seek Aquar. and the 10 *degr.* on the head of the table, and in that place of meeting are 4 hou. 2 min. which being substracted from 7 ho. 5 min. there will remain 3 ho. 3 min. which is at 3 a clock 3 min. morn.

¶ A table ſhewing how long the day is dawning before the ſunnes riſing, or continuance of twilight after ſunne ſetting calculated for the ſunnes diſtance of 15 degrees under the horizon.

Degrees	Capric.		Aquar.		Piſces		Aries		Taurus		Gemini		Degrees
	hou.	min	hou.	mi.	hou.	mi.	hou.	mi.	hou.	mi.	ho.	mi.	
0	1	53	1	47	1	39	1	40	1	54	2	36	30
3	1	53	1	45	1	39	1	40	1	57	2	43	27
6	1	52	1	44	1	39	1	42	2	0	2	50	24
9	1	52	1	43	1	38	1	43	2	3	2	57	21
12	1	51	1	42	1	38	1	44	2	7	3	7	18
15	1	51	1	41	1	38	1	45	2	10	3	19	15
18	1	50	1	40	1	38	1	46	2	15	3	35	12
21	1	50	1	40	1	38	1	47	2	19	continuall twilight		9
24	1	49	1	40	1	39	1	49	2	24			6
27	1	48	1	39	1	39	1	51	2	30			3
30	1	47	1	39	2	40	1	54	2	36			0
	Sagittar.		Scorpio		Libra		Virgo		Leo		Cancer		

¶ The uſe of this table followeth in this example.

The fourth of January the ſunne is in the 24 degree of Capricorn: now coming to this table I finde Capricorn on the head of the table, from whence I proceed downwards untill I come againſt the 24 degree on the left hand of the table, and there I finde one houre 49 min. and that is the time that the day is dawning before the ſunnes riſing, or the continuance of twilight after ſun-ſetting that 4 of January: but if the ſunnes place be found at the bottome of the table, then the degrees muſt be found on the right hand of the table: and in this manner may I finde the diſtance any other day, which diſtance may be called either the dawning or the twilight.

How

¶ How to finde the rising and setting of the sunne, the length of the day and night, the breaking of the day, and ending of twilight any day in the yeare.

IN the last columne of the kalender ye have the houres and minutes of sunne-setting every day in the yeare, which houres and minutes being doubled, you have the length of the day; or subtracted from 12 houres you have the houre and minute of the sunnes rising; which houre and minute being doubled, shewes the length of the night: also if you adde the houre and minute of the continuance of twilight unto the hou. and min. of the sunnes setting, ye have the hour. and min. when twilight ends, or subtract the same hou. and min. from the houre and minute of sunne-rising, the remainder are the hou. and min. of the breaking of the day.

As for example: The 4 day of January the sunnes setting is one minute after 4 of the clock, which hour. and min. being doubled are 8 hour. and two min. which is the length of the day; or subtract 4 hour. and 1 min. from 12 houres, and there will remain 7 hour. and 59 minutes, which is the rising of the sunne; which hour. and minute being doubled shewes the length of the night, that is, 15 hour. and 58 min. Also I found by the last table that the breaking of the day was 1 houre and 49 min. before the sunnes rising, which houre and minutes I subtract from 7 hour. and 59 min. which is the rising of the sunne, and the remainder will be 6 hour. and 10 min. which is the breaking of the day, or the hour. and min. that the sunne is coming within 15 degrees of the horizon: also if that one houre and 49 min. be added unto 4 houres and one minut. which are the houre and minute of sunne-setting, the product will be the ending of twilight; that is, at 5 of the clock and 50 min. And on this manner may ye work with them for any other day.

A table shewing the true interest due upon any summe of money, from a shilling to an hundred pounds.

Shillings

	1 mon			2 mon			1 quart			4 mon.			5 mon			half ye		
	sh.	d.	par	sh.	d.	par	sh.	d.	par	sh.	d.	par.	sh.	d	par	sh.	d.	p
1	0	0	2	0	0	4	0	0	6	0	0	8	0	0	10	0	0	1
2	0	0	4	0	0	8	0	0	12	0	0	16	0	0	20	0	0	2
3	0	0	6	0	0	12	0	0	18	0	0	24	0	1	5	0	1	1
4	0	0	8	0	0	16	0	0	24	0	1	7	0	1	15	0	1	2
5	0	0	10	0	0	20	0	1	5	0	1	15	0	2	0	0	2	2
6	0	0	12	0	0	24	0	1	11	0	1	23	0	2	10	0	2	3
7	0	0	14	0	1	3	0	1	17	0	2	6	0	2	20	0	3	3
8	0	0	16	0	1	7	0	1	23	0	2	14	0	3	5	0	3	4
9	0	0	18	0	1	11	0	2	4	0	2	22	0	3	15	0	4	5
10	0	0	20	0	1	15	0	2	10	0	3	5	0	4	0	0	4	6

Pounds

	li	sh.	d.	li	sh.	d.	li	sh.	d.	li	sh.	d.	li	sh.	d.	li	sh.	d.
1	0	1	15	0	3	5	0	4	20	0	6	10	0	8	0	0	9	15
2	0	3	5	0	6	10	0	9	15	1	0	20	1	4	0	1	7	5
3	0	4	20	0	9	15	1	2	10	1	7	5	2	0	0	2	4	15
4	0	6	10	1	0	20	1	7	5	2	1	15	2	8	0	3	2	10
5	0	8	0	1	4	0	2	0	0	2	8	0	3	4	0	4	0	0
6	0	9	15	1	7	5	2	4	20	3	2	10	4	0	0	4	17	5
7	0	11	5	1	10	10	2	9	15	3	8	20	4	8	0	5	7	10
8	1	0	20	2	1	15	3	2	10	4	3	5	5	4	0	6	2	15
9	1	2	10	2	4	20	3	7	5	4	9	15	6	0	0	7	2	10

Tenths of pounds.

	li	sh.	d.	li	sh.	d.	li	sh.	d.	li	sh.	d.	li	sh.	d.	li	sh.	d.
10	0	1	4	0	2	8	0	4	0	0	5	4	0	6	8	0	8	0
20	0	2	8	0	5	4	0	8	0	0	10	8	0	13	4	0	16	0
30	0	4	0	0	8	0	0	12	0	0	16	0	1	0	0	1	4	0
40	0	5	4	0	10	8	0	16	0	1	1	4	1	6	8	1	12	0
50	0	6	8	0	13	4	1	0	0	1	6	8	1	13	4	2	0	0
60	0	8	0	0	16	0	1	4	0	1	12	0	2	0	0	2	8	0
70	0	9	4	0	18	8	1	8	0	1	17	4	2	6	8	2	16	0
80	0	10	8	1	1	4	1	12	0	2	2	8	2	13	4	3	4	0
90	0	12	0	1	4	0	1	16	0	2	8	0	3	0	0	3	12	0
100	0	13	4	1	6	8	2	0	0	2	13	4	3	6	8	4	0	0

For a yeare or any time under, calculated after the rate of 8 pound in the hundred.

	7 mon			8 mon.			3 quart			10. mon			11. mon.			a yeare		
	li.	s.	d. par	li.	s.	d. par	li.	s.	d. par	li.	s.	d. par.	li.	s.	d. par	li.	s.	d. par
1	0	0	14	0	0	16	0	0	18	0	0	20	0	0	22	0	0	24
2	0	1	33	0	1	7	0	1	11	0	1	15	0	1	19	0	1	23
3	0	1	17	0	1	23	0	2	4	0	2	10	0	2	16	0	2	22
4	0	2	6	0	2	14	0	2	22	0	3	5	0	3	13	0	3	21
5	0	2	20	0	3	5	0	3	17	0	4	0	0	4	10	0	4	20
6	0	3	9	0	3	21	0	4	8	0	4	20	0	5	7	0	5	19
7	0	3	23	0	4	12	0	5	1	0	5	15	0	6	4	0	6	18
8	0	4	12	0	5	3	0	5	19	0	6	10	0	7	1	0	7	17
9	0	5	1	0	5	19	0	6	12	0	7	5	0	7	23	0	8	16
10	0	5	15	0	6	10	0	7	5	0	8	0	0	8	20	0	9	15
1	0	11	5	1	0	20	1	2	10	1	4	0	1	5	15	1	7	5
2	1	10	10	2	1	15	2	4	20	2	8	0	2	11	5	3	2	10
3	2	9	15	3	2	10	3	7	5	4	0	0	4	4	20	4	9	15
4	3	8	20	4	3	5	4	9	15	5	4	0	5	10	10	6	4	20
5	4	8	0	5	4	0	6	0	0	6	8	0	7	4	0	8	0	0
6	5	7	5	6	4	20	7	2	10	8	0	0	8	9	15	9	7	5
7	6	6	10	7	5	15	8	4	20	9	4	0	10	3	5	11	2	10
8	7	5	15	8	6	10	9	7	5	10	8	0	11	8	20	12	9	15
9	8	4	20	9	7	5	10	9	15	12	0	0	13	2	10	14	4	20
	li	s.	d.	li	s.	d.	li	s.	d.	li	s.	d.	li	s.	d.	li	s.	d.
10	0	9	4	0	10	8	0	12	0	0	13	4	0	14	8	0	16	0
20	0	18	8	1	1	4	1	4	0	1	6	8	1	9	4	1	12	0
30	1	8	0	1	12	0	1	16	0	2	0	0	2	4	0	2	8	0
40	1	17	4	2	2	8	2	8	0	2	13	4	2	18	8	3	4	0
50	2	6	8	2	13	4	3	0	0	3	6	8	3	13	4	4	0	0
60	2	16	0	3	4	0	3	12	0	4	0	0	4	8	0	4	16	0
70	3	5	4	3	14	8	4	4	0	4	13	4	5	2	8	5	12	0
80	3	14	8	4	5	4	4	16	0	5	6	8	5	17	4	6	8	0
90	4	4	0	4	16	0	5	8	0	6	0	0	6	12	0	7	4	0
100	4	13	4	5	6	8	6	0	0	6	13	4	7	6	8	8	0	0

The use of the former tables.

If you desire to know what interest is due upon any summe of money any time desired by these tables, seek the summe on the sides of the tables, and the time on the head of the tables; and in the angle or place of meeting you have the summe desired, in pounds, shillings, pence, and parts of pence, as the titles above shew. And note that 25 of them parts of pence make a peny.

Example.

I would know what interest is due upon seven pounds for five moneths, therefore I seek for seven on the left hand of the first table, where it is titled with pounds; and from that 7. I guide mine eye in a right line untill I come under 5, the number of moneths, and in that place of meeting is 4 shillings 8 pence; which is the just summe due for 7 pounds in 5 moneths.

But if I would know what interest is due upon 17 pounds for 5 moneths, then I seek on the side of the table for 10 pounds, and see what interest is due upon ten pounds the summe aforesaid, which in this table is found to be 6 shillings 8 pence, which being added to the former 4 shillings and 8 pence, the summe will be 15 shillings four pence, the interest due upon 17 pounds for 5 moneths.

Also I would know what interest is due upon 17 shillings for 8 moneths, and therefore I seek in the table for 10 and 7 against shillings; and under 8 moneths against 10 is 6 pence and 10 parts of a peny; also against 7 is 4 pence, and 12 parts of a peny; adde these two summes together, and the product will be 10 pence, and 22 parts, such as 25 of them make a peny, whereupon I conclude the interest to be due upon 17 shillings 8 moneths, is almost eleven pence. And in like manner may be done two other summes: as if the summe were 56 pounds, see by the tables what is due upon 50 pounds your time desired, and what is due upon 6 pounds, and adde these two summes together, and you have your desire.

Of

Of measures geometricall.

Three barly corns in length make an inch, 12 inches a foot, 3 feet a yard, 5 yards and a half, or 16 foot and a half make a pole or rod, and 40 of them poles is a furlong, and 8 furlongs is an English mile.

In an English mile is contained
- 1760 yards.
- 5280 feet.
- 6336 inches.
- 190080 barlicorns.

An acre by the statute is 40 poles in length, and foure in breadth:

In which is contained of square
- poles 160.
- yards 4840.
- feet 43560.
- inches 6272640.

In a foot of timber are contained of cubicall square inches, 1728.
But of square quarters of inches ——— 110522.

In a foot of board or glasse is contained 144 square inches; and to know how much of any breadth must be had in length for a foot, divide 144 the square inches that are contained in one foot by the inches contained in the breadth of the board or glasse, and the quotient sheweth how many inches of that breadth must be had in length for a foot. As for example: I have a piece of glasse nine inches in breadth, by which nine I divide 144, and the quotient is 16, and so much in length of that breadth must be had for a foot. But for your more ease see the following table. It is plain and easie, and good husbandry to understand it.

Breadth of the board or glasse.	how much in length for a foot. inch	part of inch.
1	144	0
2	72	0
3	48	0
4	36	0
4 & half	32	0
5	28	9
5 & half	26	2
6	24	0
6 & half	22	2
7	20	7
7 & half	19	2
8	18	0
8 & half	17	0
9	16	0
9 & half.	15	2
10	14	5
10 & half	13	8
11	13	1
11 & half	12	6
12	12	0
12 & half	11	6
13	11	1
14	10	3
15	9	7
16	9	0
17	8	5
18	8	0
19	7	7
20	7	2
21	6	10
22	6	6
23	6	3
24	6	0

¶ The use of this table.

FInde the breadth of the board or glasse on the side of the table under that title, and against the same you have the inches & parts of inches that must be had in length for a foot.

Example. Against 5 inches is 28 inches and 9 parts of an inch: and note that 12 of them parts is an inch: that is, 28 inches and three quarters in length make a foot, when the breadth is 5 inches.

Also when the breadth is five inches and a half, then 26 inches and 2 parts is a foot. If six, 24 inches in length is a foot. Six and an half in breadth, 22 inches and two parts in length is a foot. And so the like of the rest.

Of a yeare.

THe yeare consisteth of twelve moneths according to the course of the sunne; but according to the common account 13 and one day, which are called moneths of apparition, vulgarly divided into foure weeks, in which yeare is contained 365 dayes and a quarter, houres 8766, minutes 525960.

¶ El-

¶ Elections for husbandry.

When ye graft or plant let the moon be increasing in Taurus or Aquarius, the winde not in the North, nor any part East; for those windes are cold and pinching.

Remove young trees in the last quarter, the moon in Taurus or Capricorn, in September, October, November, or February; and then likewise set young trees.

Sow all kinde of corn whilest the moon is increasing, but in moist ground the moon decreasing.

Set or sow all kinde of seeds, the moon well seated in signes, Taurus, Cancer, Virgo, Libra, Capricorn, Aquarius, or Pisces: the roots of your seeds being round, three or four dayes before or after the full moon: But for stone fruit the increase from February to June.

Gather all kinde of fruits neare the full in a dry time; and then likewise kill swine for bacon, that they may the better hold their fat in boyling.

Sheare sheep in the increase, and cut haire to make it grow thick and fast; but not to grow, let the moon be decreasing.

Cut vines in February, March, or September, the moon increasing in Aries, Libra, or Scorpio.

Libbe or geld cattell the moon increasing in Aries, Sagittarius, or Capricorn.

To destroy wennes, warts, corns, or the like, cut them in the last quarter of the moon.

Dung your land that the weeds may not grow thereon, in the decreasing of the moon.

¶ Here followeth a table shewing the houre and min. of full sea at London-bridge every day in this years 1631. The use whereof briefly is thus; To know the time the first day of *January*, finde the moneth on the head of the table, and against the first day is 9 hou. and 42 min. afternoon, which is the time of full sea: and so for any other moneth and day. Likewise the true coming to the South of the moon is with more ease found by this table, onely by subtracting 3 houres and six min. from the houre and minute of the table.

A table shewing the houre and minute of full sea at London bridge, any day this yeare 1631.

Dales	January		February		March		April		May		Jun	
	hou.	mi	hou.	mi.	hou.	mi.	hou.	mi	hou.	mi.	hou.	mi.
1	9	42	10	41	9	29	11	2	11	36	12	
2	10	29	11	35	10	23	11	51	12	21	0	
3	11	16	12	30	11	18	12	47	0	25	1	
4	12	5	0	30	12	14	0	47	1	18	2	
5	0	51	1	27	0	14	1	43	2	14	4	
6	0	58	2	23	1	9	2	37	3	16	4	
7	1	52	3	21	2	4	3	32	4	20	5	
8	2	50	4	18	3	2	4	34	5	20	6	
9	3	48	5	12	3	57	5	36	6	19	7	
10	4	46	6	7	4	53	6	37	7	15	8	
11	5	40	6	57	5	46	7	30	8	7	8	
12	6	33	7	51	6	46	8	28	8	55	9	
13	7	22	8	46	7	44	9	20	9	56	10	
14	8	11	9	40	8	37	10	11	10	19	11	
15	9	3	10	34	9	32	10	57	11	1	11	
16	9	56	11	28	10	27	11	42	11	43	12	
17	10	50	12	22	11	18	12	24	12	24	0	
18	11	47	1	13	12	4	1	6	1	8	1	
19	12	43	2	2	0	51	1	48	1	54	2	
20	1	36	2	45	1	35	2	29	2	39	3	
21	2	29	3	28	2	17	3	10	3	21	4	
22	3	18	4	10	3	2	3	55	4	15	5	
23	4	6	4	51	3	44	4	44	5	11	6	
24	4	49	5	35	4	21	5	30	6	47	7	
25	5	32	6	17	4	55	6	16	6	56	8	
26	6	13	6	59	5	51	7	67	7	46	9	
27	6	54	7	40	6	39	8	68	8	36	9	
28	7	36	8	35	7	28	9	09	9	28	10	
29	8	16		8		23	9	55	10	16	11	
30	9	2		9		17	10	46	11	8	12	
31	9	49		10		10			11	56		

A table shewing the houre and minute of full sea at *London*-bridge any day this yeare 1631.

July		*August*		*Septemb.*		*October*		*Novem.*		*December*	
hou.	mi.	hou.	mi.	hou.	mi.	hou.	mi	hou.	mi	hou.	mi.
0	33	2	16	3	30	3	44	4	42	4	58
1	30	3	8	4	10	4	23	5	32	5	51
2	30	4	1	4	50	5	9	6	22	6	40
3	30	4	41	5	34	5	58	7	13	7	29
4	26	5	23	6	17	6	46	8	5	8	15
5	20	6	3	6	59	7	30	8	56	9	2
6	2	6	43	7	50	8	26	9	45	9	50
6	46	7	31	8	38	9	17	10	33	10	38
7	27	8	21	9	29	10	7	11	23	11	33
8	8	8	58	10	23	10	58	12	11	12	27
8	48	9	46	11	19	11	52	1	4	1	25
9	31	10	37	12	11	12	42	2	1	2	27
10	15	11	31	1	5	1	34	2	56	3	30
11	3	12	30	2	0	2	26	3	56	4	32
11	43	1	26	2	51	3	24	4	58	5	28
12	46	2	18	3	43	4	21	5	59	5	22
1	41	3	9	4	33	5	21	6	59	7	8
2	34	4	2	5	29	6	21	7	53	7	55
3	30	4	51	6	29	7	21	8	41	8	40
4	21	5	45	7	28	8	21	9	30	9	22
5	16	6	39	8	26	9	16	10	13	9	58
6	6	7	31	9	25	10	7	10	55	10	40
6	56	8	26	10	24	10	53	11	35	11	17
7	45	9	23	11	16	11	40	12	17	12	13
8	35	10	21	12	7	12	23	0	17	0	13
9	28	11	18	0	7	0	23	1	0	1	0
10	24	12	13	0	51	1	7	1	44	1	47
11	22	0	13	1	39	1	46	2	31	2	38
12	20	1	6	2	20	2	28	3	18	3	30
0	20	1	58	2	58	3	8	4	7	4	20
1	17	2	44			3	50			5	11

morning

afternoon

morning

afternoon

morning

afternoon

morning

afternoon

morning

afternoon

morning

FINIS.